BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Modified Estimate for the work: Improvements of roads from Khasinagara to hottappa Layout in ward no 07 Byatrayanapura, Kodigehalli Sub Division

Name of Agency:Improvements of roads in khasinagara to hottappa Layout in Ward NO.07 Kodigehalli Sub Division

Estimated Cost: 40,00,000.00

D.R. No.

Tender Amount : Rs. 3916304.22

Work Order No. BBMP/EE/BTP/WO/255 /2015-16 Dated: 26-2-2016

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Qty. as per Execution			Excess		Saving	
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Amount	Qty	Amount
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*11*	*12*	*13*	*14*	*15*	*16*	*17*
1	KSRB 2-2.2:Earth work excavation by Manual means in ordinary soil involving an average horizontal throw up to 2mts and an average lift up to0.5m, excavated surface levelled and sides neatly dressed, the dipsosed earth to be levelled neatly after breaking clods complete as per specifications complete as per spcefications. (Pg No.138, I.No.19.1 of P & IWTD S.R 2014-15)	cum	826	75.6	**62446.00**	826	75.60	**62446.00**	387.00	74.82	**28956.00**	-	0.00	439.00	32845.98
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid	cum	84	5064.12	**425387.00**	84	5064.12	**425387.00**	60.08	5011.96	**301094.00**	-	0.00	23.93	119936.20
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-3320Kg/cum)	cum	46.34	5847.12	**270932.00**	46.34	5800.00	**268772.00**	131.90	5786.89	**763262.00**	85.56	495097.37	-	0.00

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Qty. as per Execution			Excess		Saving	
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Amount	Qty	Amount
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17
4	KSRB 4-.9-2:Providing and fabricating TMT . Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications . (Page NO 17, Itm. NO. 4.46.2)	tonne	3.71	78351.84	**290441.00**	3.71	78351.84	**290686.00**	5.94	77544.82	**460250.00**	2.23	172558.55	-	0.00
5	KSRB 4-6.4: Providing and removing centering, shuttering strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttressed, plinth and string courses cost of all materials, labour complete as per specifications (Page no.14, Item No. 4.31)	sqm	756.2	236.52	**178857.00**	756.2	236.52	**178857.00**	1150.80	234.08	**269380.00**	394.60	92367.97	-	0.00
6	KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 metres complete as per specifications.	sqm	2690.8	18.36	**49404.00**	2690.8	18.36	**49404.00**	1839.50	18.17	**33424.00**	-	0.00	851.30	15468.12
7	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications	sqm	2690.8	4.48	**12060.00**	2690.8	4.48	**12055.00**	1839.50	4.44	**8168.00**	-	0.00	851.30	3779.77

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Qty. as per Execution			Excess		Saving	
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Amount	Qty	Amount
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17
8	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	cum	538.16	1438.56	**774176.00**	538.16	1385.00	**745352.00**	367.90	1423.74	**523794.00**	–	0.00	170.26	242405.97
9	KSRRB 500-10: Tack coat: Providing and applying Primer coat with SS Bitumen emulsion on preprare surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg/Sqm using mechanical means complete a sper specifications. (Pg No. 160. Item No. 21.6)	sqm	2690.8	31.32	**84276.00**	2690.8	31.32	**84276.00**	1839.50	31.00	**57025.00**	–	0.00	851.30	26390.30
10	KSRRB 500-11: Providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot	cum	86.8	7914.24	**686957.00**	86.8	7914.24	**686957.00**	91.98	7832.72	**720415.00**	5.18	40534.33	–	0.00
11	KSRRB 500-07: Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of	sqm	1736	11.88	**20624.00**	1736	11.18	**19409.00**	1839.50	11.76	**21633.00**	103.50	1217.16	–	0.00
12	KSRRB 500-18: Providing and laying bituminous concrete using crushed aggragates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work to	cum	107.63	9483.48	**1020726.00**	107.63	9483.48	**1020707.00**	73.58	9385.80	**690608.00**	–	0.00	34.05	319586.49

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			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Amount	Qty	Amount
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*11*	*12*	*13*	*14*	*15*	*16*	*17*
13	KSRRB M800-13: Providing and laying of hot applied thermoplastic copmound 2.5mm thick including reflectorsing glass beeds at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied galss beads as per IRC:35. The finished surface to be level, uniform and free sreaks and holes complete as per specifications MORTH Specifications No.803 including cost of materials, labour complete as per specifications.(P-185, I No: 24.15)	m	43.4	475.2	**20624.00**	43.4	460.00	**19964.00**	22.25	470.31	**10465.00**	-	0.00	21.15	9947.06
14	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km	cum	826	72.71	**60059.00**	826	63.00	**52038.00**	387.00	71.96	**27849.00**	-	0.00	439.00	31590.44
	Total				3956969.00			**3916304.22**					801950.33		**801950.33**

SUMMARY:

1. **Estimated Cost : Rs. 40.00 Lakhs**
2. **Tender Cost : Rs.3916304.22 Lakhs**
3. **EIRL Amount Rs. - of the Tender Amount**
4. **Work Slip Amount Rs. 801950.33 of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. Lakhs which is Below the Tender cost. The proposal may kindly be approved.**

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara
Byatarayanapura Division,

"Work Slip Approved"

Chief Engineer
Yelahanka Zone
Bruhat Bangalore Mahanagara
Rangalore 92